

REMARKS

By this Amendment, Applicant amends claims 1, 8, 11, 12, 17, and 18. Accordingly, claims 1-18 are pending in this application, claims 4-17 being withdrawn from consideration. Applicant respectfully requests reconsideration and prompt allowance of the pending claims at least in light of the following remarks.

Applicant appreciates the courtesies shown to Applicant's representative by Examiner Ho during the January 5 personal interview and January 17 telephone interview. Applicant incorporates a separate record of the substance of the interviews into the following remarks. Specifically, Applicant amends claims 1, 8, 11, 12, 17, and 18 as proposed following the January 5 personal interview and discussed during the January 17 telephone interview. Accordingly, all of pending claims 1-18 are patentable over the applied art.

The Office Action rejects claims 1-3 and 18 under 35 U.S.C. §112, first paragraph, as non-enabled. By this Amendment, Applicant amends claims 1 and 18 as proposed and discussed to clarify the relationship of the claimed elements. In particular, as discussed in detail during the interviews, Applicant makes clear that the electronic signal sensed by each pixel device represents either a multi-color image or an x-ray image. Accordingly, as agreed during the January 17 telephone interview, claims 1-3 and 18 are enabled. Applicant respectfully request withdrawal of the rejection.

By this Amendment, Applicant also amends withdrawn claims 8, 11, 12, and 17 to maintain consistency with claims 1 and 18, to correct informalities, and/or to avoid any similar rejections of claims 8 and 11 upon rejoinder.

The Office Action rejects claims 1-3 and 18 under 35 U.S.C. §103(a) over U.S. Patent 6,606,120 to Merrill et al. (hereinafter "Merrill"). Applicant respectfully traverses the rejection.

As discussed during the January 5 personal interview, Merrill fails to disclose, teach, or suggest at least an electronic signal provided by each pixel device wherein the controller "selectively stores the entirety of the electronic signal provided by the sensor and that represents a multi-color image or an x-ray image in either the first capacitor or the second capacitor," as recited in claims 1 and 18. Rather, as agreed during the personal interview, the electronic signal in Merrill that may be stored in either a first capacitor (e.g., capacitor 110-1) or a second capacitor (e.g., capacitor 110-4) can only be considered to represent a monochromatic image. This is because the sensor 78 of Merrill separates an image into signals representing one of a red image, green image, or blue image, prior to storing the separated signals in the first or second capacitor (see e.g., C11/L8-63 and Fig. 15).

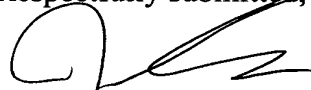
Because, as agreed during the January 5 personal interview, Merrill fails to disclose, teach, or suggest, at least an electronic signal provided by each pixel device wherein the controller "selectively stores the entirety of the electronic signal provided by the sensor and that represents a multi-color image or an x-ray image in either the first capacitor or the second capacitor," claims 1 and 18 are patentable over Merrill.

Further, Applicant respectfully submits that claims 2 and 3 are patentable over Merrill for at least the reasons that claim 1 is patentable, as well as for the additional features they recite. Accordingly, Applicant respectfully requests withdrawal of the rejection.

Finally, claims 1 and 18 are generic to all species identified in the October 5, 2004 Election of Species Requirement. Claims 4-17 recite or incorporate at least the above-discussed allowable features of claims 1 and 18. Thus, Applicant respectfully requests that withdrawn claims 4-17 be rejoined and allowed in accordance with MPEP §809.02(c)(B)(1).

In view of at least the foregoing, Applicant respectfully submits that this application is in condition for allowance. Applicant earnestly solicits favorable reconsideration and prompt allowance of claims 1-18.

Respectfully submitted,



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